

Title (en)
Apparatus for press-bending glass sheets

Title (de)
Vorrichtung zum Pressbiegen von Glasscheiben

Title (fr)
Machine de pressage-cintrage de feuilles de verre

Publication
EP 1380548 A1 20040114 (FR)

Application
EP 03356105 A 20030708

Priority
FR 0208622 A 20020709

Abstract (en)
Machine for press-bending of glass sheets incorporates a peripheral assembly to facilitate fabrication adjustments without modifying the conveying/support rollers. A machine for pressing-bending of glass sheets includes some rollers (31) to displace the glass sheets and male (7) and female (6) sheet forming components, at least one being provided with a peripheral assembly coming into contact against the sides of the sheet which comprises: (a) transverse elements (61) supporting the transverse sides (21, 22) of the glass sheets (2) and extending in a direction (Y-Y') perpendicular to the direction of advance (X-X'); (b) longitudinal elements (63) along at least one side (B6, B'6) of the peripheral assembly parallel to the direction of advance and supporting at least one longitudinal side (23, 24) of the sheets during bending, with certain rollers (31) extending between the longitudinal elements of one side to the other of the peripheral assembly. The longitudinal elements are adjustable in a direction (Z-Z') parallel to the direction of movement relative to the forming components, independently of the transverse elements.

Abstract (fr)
La matrice (6) de cette machine est pourvue d'un ensemble périphérique (61, 63) qui comprend des éléments transversaux (61), qui peuvent supporter les bords transversaux (21, 22) des feuilles de verre (2) et s'étendent globalement chacun selon une direction perpendiculaire à la direction d'avance (X-X') des feuilles de verre (2) supportées par des rouleaux (31) globalement horizontaux, et des éléments longitudinaux (63) disposés le long de deux bords (B6, B'6) de l'ensemble périphérique (61, 63) globalement parallèles à la direction d'avance (X-X'), ces éléments longitudinaux (63) étant destinés à supporter les bords longitudinaux (23, 24) des feuilles de verre (2) au cours de leur cintrage. Les éléments longitudinaux (63) sont réglables, selon une direction (Z-Z') parallèle à la direction du mouvement relatif des organes (6) formant matrice et poinçon de la machine, indépendamment des éléments transversaux (61). <IMAGE>

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CPC (source: EP)
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Citation (search report)
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